

This issue of the *Petroleum Marketing Monthly* is dedicated with gratitude to our colleague Mike Griffey, who recently retired with over 35 years of Government service. Mike led the Petroleum Statistical Methodology Team, and his contributions to the integrity of the EIA surveys and publications over the years have been immeasurable. While his professional talents will be greatly missed, the loss of his presence as a friend will be felt even more keenly. Those of us who have known and worked with Mike join in wishing him a happy and fulfilling retirement.

Petroleum Marketing Monthly

June 2002

With Data for March 2002

Energy Information Administration
Office of Oil and Gas
U.S. Department of Energy
Washington, DC 20585

This report is available on the WEB at:

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_marketing_monthly/pmm.html

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the U.S. Department of Energy. The information contained herein should be attributed to the Energy Information Administration and should not be construed as advocating or reflecting any policy of the Department of Energy or any other organization.

Preface

The *Petroleum Marketing Monthly* (PMM) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the f.o.b. and landed cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Petroleum Division, Office of Oil and Gas, Energy Information Administration ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Monthly*.

Scope of Data

The data within the *Petroleum Marketing Monthly* are compiled from six Energy Information Administration (EIA) survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report" and Form EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report."

The data presented in Tables 48 to 50 are derived from aggregations of data from Form EIA-782C, "Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption."

Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in six sections:

- Initial Estimates
- Summary Statistics
- Crude Oil Prices
- Prices of Petroleum Products
- Volumes of Petroleum Products
- Prime Supplier Sales Volumes of Petroleum Products for Local Consumption.

The Initial Estimates section contains initial estimates for selected petroleum products. These initial estimates are forecasted based on their own past values as well as present and past values of other related time series. These initial estimates are being published earlier in an effort to respond to customer needs. They are replaced with the preliminary and final prices when they are available.

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual States for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual States.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or State-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, and the report month for the previous year.

Notes on the Tables

- For the crude oil statistics referencing Form EIA-182, United States includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, United States includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.
- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use State abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals prior to October 1993.
- References to "Refiners" include gas plant operators (see the Glossary for definition of "Gas Plant Operators"). All tables whose titles do not specifically reference "Refiners" contain data from all sellers. "All Sellers" includes refiners, gas plant operators, resellers, and retailers.
- "Prime Supplier" refers to a firm that produces, imports, or transports any of the selected petroleum products across State boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category "Retail Outlet" refers to any company-operated outlet selling gasoline, on-highway low-sulfur diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).

Contents

Highlights.....	ix
Initial Estimates.....	1
Summary Statistics	5
Crude Oil Prices	43
Prices of Petroleum Products	59
Volumes of Petroleum Products.....	107
Prime Supplier Sales Volumes of Petroleum Products for Local Consumption.....	133
Explanatory Notes.....	151
Product Guide	153
Glossary	155
Articles	161

Tables

Initial Estimates

IE1.	Initial Estimates for Selected Crude Oil and Petroleum Products by Sales Types and PAD District	2
------	--	---

Summary Statistics

1.	Crude Oil Prices	6
2.	U.S. Refiner Prices of Petroleum Products to End Users	8
3.	U.S. Refiner Volumes of Petroleum Products to End Users.....	10
4.	U.S. Refiner Prices of Petroleum Products for Resale	12
5.	U.S. Refiner Volumes of Petroleum Products for Resale	14
6.	U.S. Refiner Motor Gasoline Prices by Grade and Sales Type.....	16
7.	U.S. Refiner Motor Gasoline Volumes by Grade and Sales Type	18
8.	U.S. Refiner Conventional Motor Gasoline Prices by Grade and Sales Type	20
9.	U.S. Refiner Conventional Motor Gasoline Volumes by Grade and Sales Type.....	22
10.	U.S. Refiner Oxygenated Motor Gasoline Prices by Grade and Sales Type	24
11.	U.S. Refiner Oxygenated Motor Gasoline Volumes by Grade and Sales Type.....	26
12.	U.S. Refiner Reformulated Motor Gasoline Prices by Grade and Sales Type	28
13.	U.S. Refiner Reformulated Motor Gasoline Volumes by Grade and Sales Type	30
14.	U.S. Propane (Consumer Grade) Prices by Sales Type.....	32
15.	U.S. No. 2 Distillate Prices by Sales Type	33
16.	U.S. No. 2 Diesel Fuel Prices by Sales Type	34
17.	U.S. No. 2 Diesel Fuel Prices by Sulfur Content and Sales Type.....	35
18.	Prices of No. 2 Distillate to Residences by PAD District and Selected States	36
19.	U.S. Refiner Residual Fuel Oil Prices	40
20.	U.S. Refiner Residual Fuel Oil Volumes	42

Crude Oil Prices

21.	Domestic Crude Oil First Purchase Prices	45
22.	Domestic Crude Oil First Purchase Prices for Selected Crude Streams	48
23.	Domestic Crude Oil First Purchase Prices by API Gravity	49
24.	F.O.B. Costs of Imported Crude Oil by Selected Country	50
25.	Landed Costs of Imported Crude Oil by Selected Country	51
26.	F.O.B. Costs of Imported Crude Oil by API Gravity	52
27.	Landed Costs of Imported Crude Oil by API Gravity	53
28.	Percentages of Total Imported Crude Oil by API Gravity	54
29.	F.O.B. Costs of Imported Crude Oil for Selected Crude Streams	55
30.	Landed Costs of Imported Crude Oil for Selected Crude Streams	57

Prices of Petroleum Products

31.	Motor Gasoline Prices by Grade, Sales Type, PAD District, and State.....	60
32.	Conventional Motor Gasoline Prices by Grade, Sales Type, PAD District, and State	68
33.	Oxygenated Motor Gasoline Prices by Grade, Sales Type, and PAD District.....	76
34.	Reformulated Motor Gasoline Prices by Grade, Sales Type, PAD District, and Selected States	78
35.	Refiner Motor Gasoline Prices by Grade, Sales Type, PAD District, and State.....	82
36.	Refiner Prices of Aviation Fuels and Kerosene by PAD District and State	86
37.	Refiner Prices of Distillate Fuels by PAD District and State	90
38.	Propane (Consumer Grade) Prices by Sales Type and PAD District	94
39.	No. 2 Distillate Prices by Sales Type, PAD District, and Selected States	95
40.	No. 2 Diesel Fuel Prices by Sales Type, PAD District, and Selected States	98
41.	No. 2 Diesel Fuel Prices by Sulfur Content, Sales Type, and PAD District	101
42.	Residual Fuel Oil Prices by PAD District and State.....	102

Volumes of Petroleum Products

43.	Refiner Motor Gasoline Volumes by Grade, Sales Type, PAD District, and State	108
44.	Refiner Motor Gasoline Volumes by Formulation, Sales Type, PAD District, and State.....	116
45.	Refiner Volumes of Aviation Fuels, Kerosene, No. 1 Distillate, and Propane by PAD District and State	124
46.	Refiner No. 2 Distillate, Diesel Fuel, and Fuel Oil Volumes by PAD District and State	128
47.	Refiner Residual Fuel Oil and No. 4 Fuel Volumes by PAD District	132

Prime Supplier Sales Volumes of Petroleum Products for Local Consumption

48.	Prime Supplier Sales Volumes of Motor Gasoline by Grade, Formulation, PAD District, and State	134
49.	Prime Supplier Sales Volumes of Aviation Fuels, Propane, and Residual Fuel Oil by PAD District and State	142
50.	Prime Supplier Sales Volumes of Distillate Fuel Oils and Kerosene by PAD District and State	146

Figures

1.	Crude Oil Prices	7
2.	U.S. Refiner Retail Petroleum Product Prices.....	9
3.	U.S. Refiner Retail Petroleum Product Volumes	11
4.	U.S. Refiner Wholesale Petroleum Product Prices.....	13
5.	U.S. Refiner Wholesale Petroleum Product Volumes	15
6.	U.S. No. 2 Distillate Prices to Residences by PAD District.....	39
7.	U.S. Refiner Residual Fuel Oil Prices and Volumes	41